



U.S. Department of Justice

Federal Bureau of Investigation

*CALEA Implementation Unit, ESTS
14800 Conference Center Drive, Suite 300
Chantilly, Virginia 20151*

February 1, 2006

By Electronic Filing

Marlene H. Dortch, Secretary
Federal Communications Commission
445 Twelfth Street S.W.
Washington, D.C. 20554

Re: Notice of Ex Parte Presentation: ET Docket No. 04-295

Dear Secretary Dortch:

The Federal Bureau of Investigation ("FBI") hereby submits notice of an ex parte presentation on January 31, 2006, in ET Docket No. 04-295, "Communications Assistance for Law Enforcement Act and Broadband Access and Services."

The following FBI representatives participated in the meeting: Maura Quinn, Chief, CALEA Implementation Unit ("CIU"); Valerie Barrish and Douglas Klein of the Office of the General Counsel; and Henry Hodor and Ken Coon, consultants supporting CIU. The FCC participants were Julius Knapp, Geraldine Matisse, Rodney Small, and Walter Johnston of the Office of Engineering and Technology; Thomas Navin and Kirk Burgee of the Wireline Competition Bureau; Nese Guendelsberger of the Wireless Telecommunications Bureau; and Matthew Berry and Christopher Killion of the Office of General Counsel.

The purpose of the meeting was to introduce Ms. Quinn as new Chief of CIU and to discuss certain matters related to the above-referenced docket. In particular, the FBI gave an update on CIU's participation in the development of CALEA technical standards, as described in the attached document. The FBI also reiterated points made in filings by the Department of Justice in the pending rulemaking proceeding.

Respectfully submitted,

/s/ Maura F. Quinn

Maura F. Quinn
Chief, CALEA Implementation Unit

Enclosure

cc: Julius Knapp (via electronic mail)
Geraldine Matise (via electronic mail)
Rodney Small (via electronic mail)
Walter Johnston (via electronic mail)
Thomas Navin (via electronic mail)
Kirk Burgee (via electronic mail)
Nese Guendelsberger (via electronic mail)
Matthew Berry (via electronic mail)
Christopher Killion (via electronic mail)



COMMUNICATIONS ASSISTANCE FOR LAW ENFORCEMENT ACT (CALEA)

Progress on Technical Standards

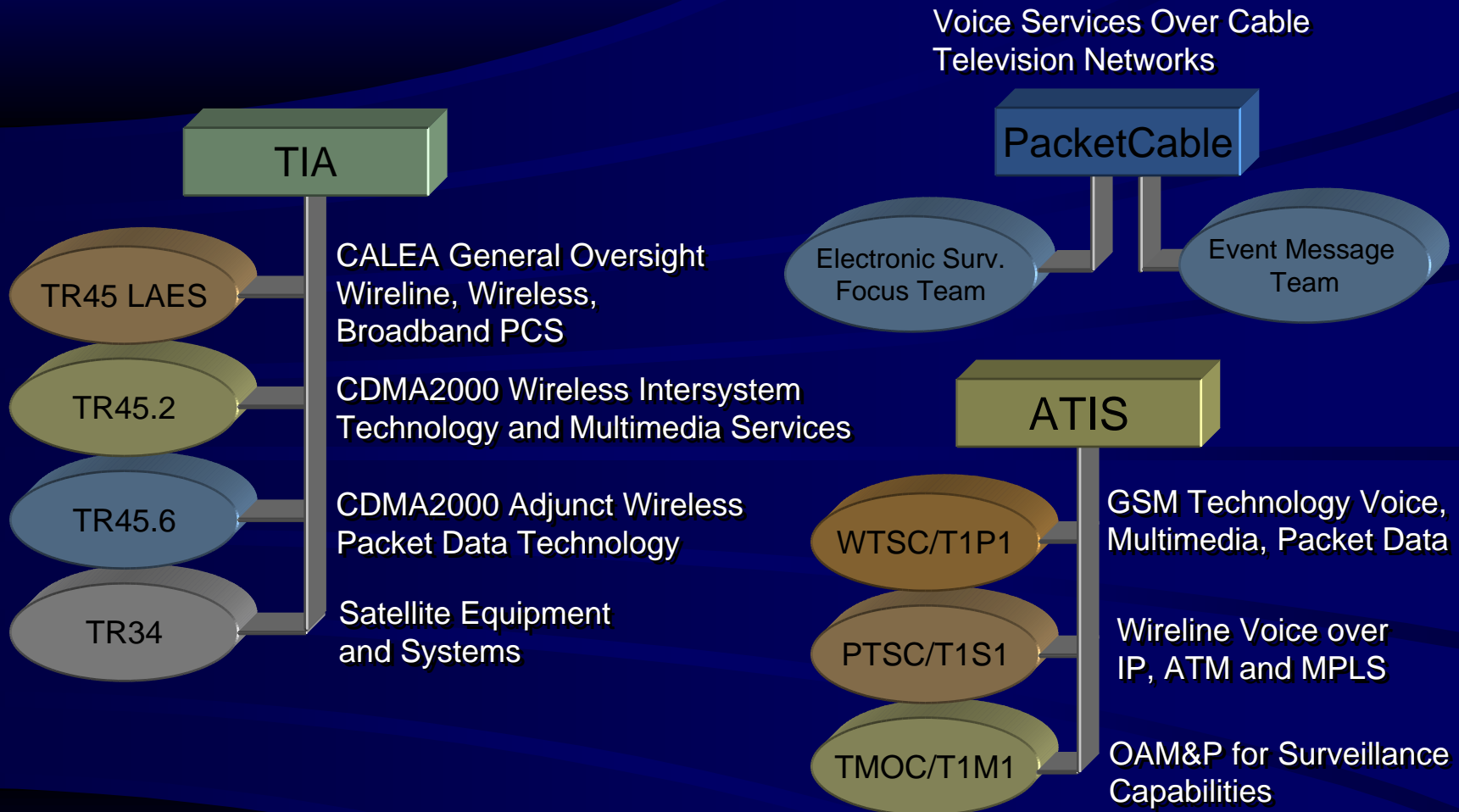
Introduction

- CIU Standards Group Participation
 - National
 - International
- Completed Interception Specifications
- Specifications Under Development
- Summary

2005 Standards Statistics

- FBI participated in the development of 9 Lawful Intercept Specifications during 2005, which required:
 - Participation in 10 standards setting organizations
 - Attendance at 53 standards meetings
 - The development and submission of 123 contributions to standards organizations
 - Involvement in over 50 conference calls

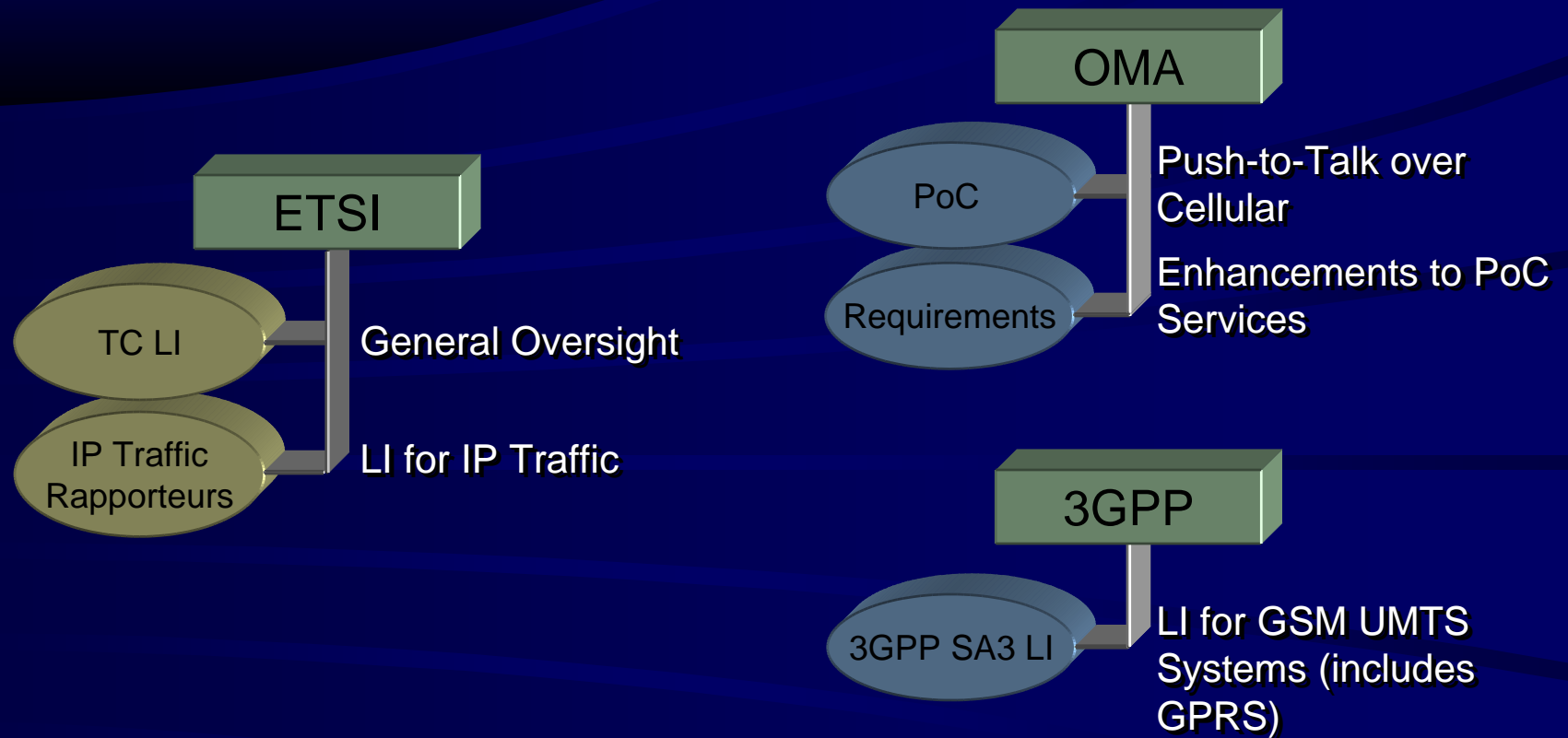
Domestic Standards Organizations



GSM	Global System for Mobile
PCS	Personal Communications Services
CDMA2000	Code Division Multiple Access 2000
OAM&P	Operations, Administration, Maintenance & Provisioning

ATM	Asynchronous Transfer Mode
IP	Internet Protocol
MPLS	Multi Protocol Label Switching

International Standards Organizations



IP	Internet Protocol
GSM	Global System for Mobile
UMTS	Universal Mobile Telecommunication System
GPRS	General Packet Radio Service
LI	Legal Intercept

Packet Interception Specifications Under Development

- VoIP
 - TIA SP-3-0196, “LAES for cdma2000 Voice over IP”
 - Estimated completion end of 1Q 2006
 - TIA Push-to-Talk Over Cellular (POC) for CDMA 2000
 - Estimated ballot date end of 1Q 2006
 - ETSI VoIP Specification
 - Work under discussion
 - 3GPP 33.108 Update to include Multimedia Services
 - Basic VoIP services covered, discussing advanced services
 - WTSC is developing a specification for VoIP based on mapping
 - ATIS PTSC, T1.678 Issue 2
 - Covers VoIP Basic Call and Many advanced services
 - Expected completion 1Q 2006
 - PacketCable Electronic Surveillance Specification
 - Document update expected by end of 2006

Packet Interception Specifications Under Development

- Data Access Service

- 3GPP 33.108 Update to include WiFi
 - Estimated completion 1H of 2006
- T1.IPNA – IP Network Access Service Intercept Specification
 - Estimated completion 1H of 2006
- Packet Cable Broadband Cable Interception Specification
 - Work under discussion

- Upcoming Projects

- Broadband over Power line – Data access services over electrical distribution grid
- Virtual Call Continuity (VCC) – Ability to migrate voice communications over multiple broadband access technologies in real time
- WIMAX – Wireless data access service similar to WiFi but with significantly longer range

Completed Packet Interception Specifications

- Surveillance capabilities for cable-based services are defined in PacketCable Electronic Surveillance Specification
 - Specification addresses VoIP service
 - Published specification addressed all outstanding FBI issues (document under revision)
- Surveillance capabilities for GSM-based packet services are defined in T1.724
 - Published standard for both GSM wireless data access and VoIP services
 - FBI has identified limitations in this specification
- Surveillance capabilities for commonly used wireline technologies are defined by T1.678
 - Specification addresses VoIP services for wireline technologies
 - FBI has identified limitations in this specification
- Surveillance capabilities for CDMA-Based packet technologies are defined in J-STD-025B
 - Specification only addresses CDMA2000-based data access services
 - FBI has identified limitations in this specification

Standards and Data Access Intercept Solutions

- FBI participates in several standards groups focused on the development of Intercept solutions for VoIP and Data Access Services
- Four US standards have been published which address intercept capabilities for VoIP and data access services
 - Packet Cable has developed a VoIP Specification which meets objectives
 - CIU has identified limitations with three (CDMA2000, GSM, Wireline VoIP)
- FBI has developed a service-specific strategy which closely aligns with the operational needs of law enforcement